

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006244

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ A61K35/20, A23L1/30, A61K35/74, A61P5/04, 25/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ A61K35/20, A23L1/30, A61K35/74, A61P5/04, 25/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAP (STN), BIOSIS (STN), MEDLINE (STN), EMBASE (STN), WPIDS (STN), JOIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	Seiji TSUBOI et al., 'Hakkonyu Whey Toyo ni yoru Rat Shokataichu Melatonin Gosei eno Eikyo', Nippon Yakugakukai Nenkai Koen Yoshishu, 05 March, 2005 (05.03.05), Vol.125, No.3, P.4330-0148	1-18
X	JP 9-23848 A (The Calpis Food Industry Co., Ltd.),	1-5, 8-12, 15-18
Y	28 January, 1997 (28.01.97), Full text; Claims; examples 1, 2 & US 6284243 B & EP 753303 A1	6, 13

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search
11 July, 2005 (11.07.05)Date of mailing of the international search report
02 August, 2005 (02.08.05)Name and mailing address of the ISA/
Japanese Patent Office

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INTERNATIONAL SEARCH REPORT

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PCT/JP2005/006244

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/6500 A1 (JOUAN BIOTECHNOLOGIES SA PIERRE),	1-5, 7-12,
Y	23 January, 2003 (23.01.03), Full text; Claim 11; page 15, line 33 to page 34, line 8 & FR 2827290 A1 & EP 1409539 A1 & US 2004/97714 A1 & AU 2002/329364 A1 & JP 2005-506316 A	14-18 6, 13
X	JP 2001-503740 A (LABORATOIRE OENOBIOL S.A.), 21 March, 2001 (21.03.01),	1-5, 7-12,
Y	Full text; Claims; page 5, lines 7 to 18; examples 1, 2 & WO 98/14204 A1 & FR 2754181 A1 & EP 932414 A1 & US 6235719 B	14-18 6, 13
X	HEINE, W. et al., 'THE SIGNIFICANCE OF TRYPTOPHAN IN HUMAN NUTRITION', AMINO ACID, (1995), Vol. 9, pages 191 to 195, full text,	1-5, 7-12,
Y	SUMMARY, FIG 1, page 200, 10th line from the bottom to page 201, line 26	14-18 6, 13
Y	WO 99/16862 A1 (CALPIS CO LTD), 08 April, 1999 (08.04.99), Full text; Claims & JP 11-98978 A & CA 2304985 A1 & AU 9857802 B & EP 1016709 A1 & US 6534304 B & US 2003/64501 A	6, 13
Y	WO 00/41572 A1 (CALPIS CO LTD), 20 July, 2000 (20.07.00), Full text; Claims & AU 2000/18926 A1 & EP 1142481 A1 & US 2005/74500 A1	6, 13